

Saravana Trust
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Saravana
Multispeciality Hospital Pvt.Ltd.





Saravana Multispeciality Hospital Pvt.Ltd.



MANAGING DIRECTOR : **Dr. P. SARAVANAN MD.,**

Date :

29.12.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr Deva is a case of Rheumatic Heart Disease (Severe Mitral Stenosis) and he is advised for immediate open heart surgery (Mitral Valve Replacement) at the earliest. Total cost of surgery would be Rs 2,80,000 (Rupees Two Lakhs Eighty Thoudand) approximately.

With Regards


Medical Officer



7-A, Maruthupandiar Nagar, 4th Main Road, Narlmedu, Madurai - 625 002, Tamilnadu, India.
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Phone : 0452 - 3040014, 3040002 Email : suryatrust@saravanahospital.org Web : www.suryatrust.org



SARAVANA MULTISPECIALITY HOSPITAL PVT Ltd.,



Patient Name: Mr. Deva

Age: 22 Yrs

Sex: Male

Ref. By. Dr. P.SARAVANAN, MD, RT.,
Shno: 027116

Date: 08.12.2023

ECHO CARDIOGRAM

M - MODE MEASUREMENTS:

Left Atrium : 60.0 mm
Aortic Annulus : 18.0 mm
Mitral Annulus : 32.0 mm

IVS d	: 9.0 mm	LVID d	: 40 mm	LVPW d	: 9.0 mm
IVS s	: 13.0 mm	LVID s	: 26 mm	LVPW s	: 13.0 mm
EF	: 68 %				

2 D PARAMETERS:

RA	: Normal	MV	: Thickened
LA	: Dilated	TV	: Normal
RV	: Normal	PV	: Normal
LV	: Normal	AV	: Thick
MPA	: Normal	IVS	: Intact
RPA	: Normal	IAS	: Intact
LPA	: Normal		

ATRIO VENTRICULAR RELATION : Normal.
VENTRICULO ARTERIAL RELATION: Normal.



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DOPPLER MEASUREMENT:

MITRAL VALVE

E Velocity : 2.8 m/s
A Velocity : ----

AORTIC VALVE :

Velocity : 1.9 m/s

PULMONARY VALVE:

Velocity : 1.0 m/s

PERICARDIUM : Normal

Both AML and PML thickened .
Mitral valve area 1.0 sqcms .
Mild to moderate MR . Severe TR
TR PG 110 mm Hg .Mild AR
No regional wall motion abnormality at rest.
Normal LV systolic function.

FINAL IMPRESSION:

- ↓ RHEUMATIC HEART DISEASE
- ↓ SEVERE MITRAL STENOSIS .
- ↓ MITRAL VALVE AREA 1. 0 SQCMS
- ↓ MILD TO MODERATE MITRAL REGURGITATION .MILD AR
- ↓ SEVERE TR
- ↓ SEVERE PULMONARY HYPERTENSION
- ↓ NO REGIONAL WALL MOTION ABNORMALITY AT REST.
- ↓ NORMAL LV FUNCTION AND CONTRACTION
- ↓ EJECTION FRACTION - 68%
- ↓ NO PERICARDIAL EFFUSION.


DR.G.S.SIVAKUMAR, MD, DM,
(Consultant Cardiologist)

The report expressed is subject to the inherent limitations of the modality. Always correlate clinically and with other investigations to arrive at the final diagnosis. The report and films are not valid for medicolegal purpose.